

February 27, 2001

Donald Abelson
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Donald Abelson:

The National Telecommunications and Information Administration on behalf of the Executive Branch Agencies, has approved the release of several draft United States Preliminary Views for WRC-2003. Some of our initial preliminary view documents only contain background information at this time. We will continue to develop our inputs for the "U.S View" section on all the preliminary views and provide them at a later time. The enclosure containing our preliminary views is forwarded for review by your WRC-2003 Advisory Committee. Karl Nebbia from my staff will contact Julie Garcia and reconcile any differences.

Sincerely,

(Signed February 27, 2001)
William T. Hatch
Associate Administrator
Office of Spectrum Management

Enclosure

Radio Conference Subcommittee (RCS)

Preparation for ITU Radiocommunication Conferences

DRAFT UNITED STATES

PRELIMINARY VIEWS ON WRC-03

WRC-2003 Agenda Item 1.21: to consider the progress of the ITU-R studies concerning the technical and regulatory requirements of terrestrial wireless interactive multimedia applications, in accordance with Resolution 737 (WRC-2000) with a view to facilitating global harmonization;

ISSUE: What if any actions are needed by the ITU-R to facilitate the development of Terrestrial Wireless Interactive Multimedia.

BACKGROUND: At WRC-2000, a proposal from several European administrations indicated a desire to address spectrum for Terrestrial Wireless Interactive Multimedia technologies and applications. After much discussion, a very open agenda item was developed to consider a progress report on the studies related to this issue. Among the items to be studied are the regulatory means to facilitate the worldwide harmonization of spectrum for Terrestrial Wireless Interactive Multimedia, and to review service definitions in the light of convergence of applications, if necessary.

WRC-2000 also decided that any allocation changes or regulatory work on this issue would be discussed at WRC-06. (February 6, 2001)

U.S. VIEW:

Radio Conference Subcommittee (RCS)

Preparation for ITU Radiocommunication Conferences

**DRAFT UNITED STATES
PRELIMINARY VIEWS ON WRC-03**

WRC-2000 Agenda Item 1.22: to consider progress of ITU-R studies concerning future development of IMT-2000 and systems beyond IMT-2000, in accordance with Resolution 228 (WRC-2000);

Resolution 228, “Studies to consider requirements for the future development of IMT-2000 and systems beyond IMT-2000 as defined by ITU-R”

ISSUE: To study spectrum requirements and potential frequency range suitable for the future development of IMT-2000 and systems beyond IMT-2000, and in what time frame such spectrum would be needed. No action is required by the Conference.

BACKGROUND: WRC-2000 considered issues related to IMT-2000, resulting in the identification of additional spectrum for the terrestrial component of IMT-2000 in the Radio Regulations S5.317A and S5.384A. This spectrum was identified in addition to that identified for initial IMT-2000 deployment at WARC-92 in footnote S5.388. WRC-2000 also identified existing global MSS allocations as being available for use by the satellite component of IMT-2000, in accordance with Resolution 225.

In Resolution 228 (WRC-2000), the ITU-R was invited to continue studies on overall objectives, applications and technical and operational implementation for the future development of IMT-2000 and system beyond. These requirements are to be reviewed by WRC-05/06, taking into consideration the results of ITU-R studies presented to WRC-03.

U.S. VIEW: No action is required at WRC-03 on this agenda item. (February 6, 2001)

Radio Conference Subcommittee (RCS)

Preparation for ITU Radiocommunication Conferences

DRAFT UNITED STATES

PRELIMINARY VIEWS ON WRC-03

WRC-2000 Agenda Item 1.33: to review and revise technical, operational and regulatory provisions, including provisional limits in relation to the operation of high altitude platform stations within IMT-2000 in the bands referred to in No. S5.388A, in response to Resolution 221 (WRC-2000);

Resolution 221 (WRC-2000), “Use of high altitude platform stations providing IMT-2000 in the bands 1885-1980 MHz, 2010-2025 MHz and 2110-2170 MHz in Region 1 and 3 and 1885-1980 MHz and 2110-2160 MHz in Region 2”

ISSUE: Resolution 221 asks for additional technical, operational and regulatory studies to be conducted in order to review and, if necessary, revise the provisional pfd limits. Resolution 221 also asks for consideration of appropriate regulatory and technical provisions to allow bilateral coordination of HAPS in IMT-2000 systems with affected neighboring administrations.

BACKGROUND: Provisions for operation of HAPS were originally made at WRC-97, for HAPS providing FS operations in the 47.2-47.5 GHz and 47.9-48.2 GHz bands (S5.552A). A definition of HAPS was also added to S1.66A. The use of HAPS as base stations to provide terrestrial IMT-2000 was considered at WRC-2000, resulting in provisions to facilitate this being added to the Radio Regulations S5.388A. Resolution 221 from WRC-2000 includes provisional co-channel and out-of-band power flux-density limits for HAPS operation, for the protection of other station either sharing the same band or operating in adjacent bands.

Additional ITU-R study is needed to consider compatibility of HAPS within IMT-2000 with some other services that share portions of these bands on a co-primary basis. (February 6, 2001)

U.S VIEW:
